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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/619,235	07/14/2003	Shadi Mere	10541-1802	8582

29074 7590 11/28/2005  
VISTEON  
C/O BRINKS HOFER GILSON & LIONE  
PO BOX 10395  
CHICAGO, IL 60610

EXAMINER

NGUYEN, SIMON

ART UNIT	PAPER NUMBER
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2685

DATE MAILED: 11/28/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/619,235	<b>Applicant(s)</b> MERE ET AL.	
	<b>Examiner</b> SIMON D. NGUYEN	<b>Art Unit</b> 2685	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 14 July 2003.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-39 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 17-30 is/are allowed.
- 6) ☐ Claim(s) 1-3, 10-16, 31 and 36-39 is/are rejected.
- 7) ☒ Claim(s) 4-9 and 32-35 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Drawings***

1. The drawings are objected to because figures 2-4 do not physically label (name) components marked by numbers. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-3, 10-11, and 14 are rejected under 35 U.S.C. 102(e) as being anticipated by Levin et al. (6,686,911).

Regarding claim 1, Levin discloses a radio interface (fig.1), comprising: a display (14); a plurality of knobs (18), wherein the knobs having two selection modes, the first one is the rotation and the second one is the pushing, wherein the knobs are used to controlled the interface (column 5 line 30 to column 8 line 26). It should be noted that, Levin discloses that the user can push a button such as buttons 16, 29, to toggle a mode but alternatively, the user can push the knobs to select the modes (column 5 lines 30-35, column 6 lines 40-45), which means the knobs alone exclusively control the interface.

Regarding claim 2, Levin further discloses the display including a selection controlled by the knobs (abstract).

Regarding claim 3, Levin further discloses the selection is highlighted by a bar (#20 of fig.1).

Regarding claim 10, Levin further discloses each knob is adapted to control first and second control function (pushing to select and rotating to select) (column 6 lines 24-67).

Regarding claim 11, Levin further discloses the control function including a volume and on/off (fig.1, column 6 lines 19, 47).

Regarding claim 14, Levin further discloses the knob 18 can be used to move cursor 30 to SELECT a MENU (either Radio, CD, tape)( column 6 lines 3-23).

4. Claims 31, 36-39 are rejected under 35 U.S.C. 102(e) as being anticipated by McDowall et al. (6,920,479).

Regarding claim 31, McDowall discloses a radio interface (fig.1), comprising: a display (3); three knobs (7-9), each is capable to select modes by rotating and pushing the knobs (column 3 lines 24-63).

Regarding claims 36-39, McDowall further discloses each knob corresponding to one menu screen, wherein rotating and pushing the knobs cause the corresponding menu screen to be displayed (figs. 2-3, column 3 lines 24-63).

### ***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 12-13, 15-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Levin et al. (6,686,911) in view of McDowall et al. (6,920,479).

Regarding claims 12-13, 15, Levin does not specifically disclose a AM/FM knob, a SEEK/SCAN knob, a preset/save knob.

McDowall discloses a volume knob (7), an AM/FM knob (8), a SEEK/SCAN (9) (fig.1) a PRESET (column 4 lines 28-29). It should be noted that McDowall discloses the preset program to be stored in a memory (column 4 lines 14-67), which means to save the program for late use. Therefore, it would have been obvious to one skilled in the art at the time the invention was made to have Levin, modified by McDowall in order to control radio functions via knobs.

Regarding claim 16, Levin disclose tuners for tuning AM/FM (18-19 of fig.2). However, both do not specifically disclose an AUTO SET CONTROL. It should be noted that use an AUTO SET CONTROL in a radio receiver is known to those skilled in the art in order to automatically set a favorite program for late use.

#### ***Allowable Subject Matter***

7. Claims 4-9, 32-35 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Regarding claims 4, 32 the prior art of record fails to teach or suggest a display including a visual indicator to identify a knob used to control the selection.

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Regarding claims 5-9, 33-35, these claims are objected as being dependent upon dependent claims that have been objected.

8. Claims 17-30 are allowed.

Regarding claim 17, the prior art of record fails to teach or suggest a display adapted to provide a visual indicator identifying a knob of the plurality of knobs used to control the selection indicator.

Regarding claims 18-30, these claims are objected as being dependent upon independent claim that has been objected.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Simon Nguyen whose telephone number is (571) 272-7894. The examiner can normally be reached on Monday-Friday from 7:00 AM to 4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward F. Urban, can be reached on (571) 272-7899.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 306-0377.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

600 Dulany, Alexandria, VA 22314

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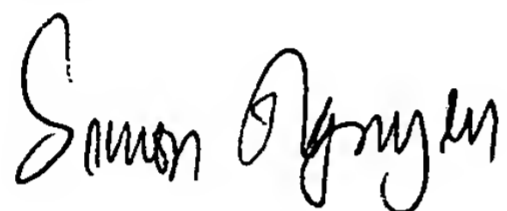
Or faxed to:

(571) 273-8300 (for formal communications intended for entry)

Hand-delivered response should be brought to Customer Service Window  
located at the Randolph Building, 401 Dulany, Alexandria, VA, 22314.

Simon Nguyen

November 17, 2005

A handwritten signature in black ink, appearing to read "Simon Nguyen".

**SIMON NGUYEN  
PRIMARY EXAMINER**